

EPA REGION 8 IS WORKING TO  
REDUCE THE ENVIRONMENTAL  
IMPACT OF OPERATIONS BY:



Reducing Tailpipe Emission  
Conserving Energy and Promoting Renewable Energy  
Consuming Less Paper  
Recycling More  
Managing Electronics Better  
Purchasing Environmentally Friendly Products  
Reducing Water Consumption  
Reducing Use of Toxic Materials

**Region 8 is reducing tailpipe emissions by:**



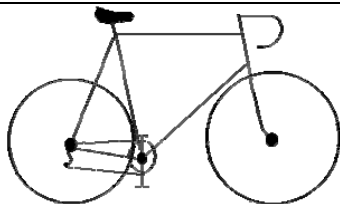
- Driving **hybrid vehicles**. In 2004, EPA Region 8 added two hybrids to a vehicle that already contains 10 alternative fuel vehicles.



- Making extensive use of **video conferencing** equipment. In 2004, our office held over 200 video conferences.



**Riding Mass Transit:** EPA Region 8 provides its employees with Ecopasses. About two thirds of employees use mass transit to make more than half of their commutes.



**Bicycling to Work:** Region 8 encourages employees to bicycle into work by organizing competitions during Bike to Work Week, and by promoting participation in recreational rides.

**Region 8 is Conserving Energy and Promoting Renewable Energy by:**



- Designing the new building that will house EPA's Denver office (16<sup>th</sup> and Wynkoop) to be **very energy efficient**. The building will meet the **Energy Star** standard, and we believe it will be one of the most energy efficient office buildings in Colorado.




- **Purchasing renewable energy** for the Denver Office and Golden Lab. EPA is buying 6,800,000 kilowatt hours/year of wind energy from the Lamar wind farm to cover the electricity use of these two facilities.





- **Expanding use of renewable energy at the Golden Lab**. We're working with the National Renewable Energy Lab to quantify the amount of energy we're saving with a passive solar wall that's built into a waste storage building. We believe we will be able to make a strong cost/benefit argument for expanding that system.







**Utilizing energy saving software on our computers**. Our roughly 800 computers are programmed to fall asleep after a short period of inactivity.

Region 8 is Consuming Less Paper by:	<b>Setting computers to print duplex by default.</b>
	<b>Posting reminders about two-sided copying at copiers and printers.</b>
	<b>Tracking paper use per capita by floor to establish competition between floors.</b>

Region 8 is Boosting its Recycling Rate by:	<b>Collecting mixed paper, and aluminum, glass and plastic drink containers.</b>
	We are also recycling cardboard, batteries, inkjet toner cartridges, compact discs, cell phones, and phone books.
	In addition, we are collecting and reusing three ring binders, file folders and various other office supplies.

<p>Region 8 will manage its electronics better by:</p>	<p>Purchasing Electronics that have <b>environmentally friendly attributes</b> such as:</p> <ul style="list-style-type: none"> <li>• Energy efficiency</li> <li>• Less toxic material</li> <li>• Upgradeability</li> </ul>
	<p>Assuring that surplus equipment in good condition gets reused to the extent possible and that <b>obsolete equipment is recycled responsibly.</b></p>

<p>Region 8 Is Purchasing More Environmentally Friendly Products</p>	<p>We are using a national agreement to purchase <b>office supplies that are less harmful to the environment:</b> example: office paper that contains 100% post consumer content.</p>
	<p>We are buying new office furniture for our new building. Potential <b>furniture suppliers will need to meet strict environmental criteria</b> in order to get the contract. These criteria include:</p> <ul style="list-style-type: none"> <li>• Low toxic emissions</li> <li>• Wood from certified forests</li> <li>• High level of recycled content</li> <li>• Use of rapidly renewable resources</li> </ul>

<p>Region 8 is Reducing Water Consumption by:</p> 	<p>Designing <b>drought tolerant land scaping</b> for the Golden Lab. Existing landscape at the lab is water intensive bluegrass.</p>
<p>Region 8 is Improving Water Quality by:</p> 	<p>By designing a <b>green roof for the new regional office</b>. The green roof will capture storm water and release it much slower than conventional roofs. Slower release of stormwater results in significantly less pollution entering our streams and rivers. In addition, green roofs help fight the urban heat island effect.</p>
<p>Region 8 is Reducing its use of Toxic Materials by:</p>	<p>Electronically <b>tracking hazardous chemicals</b> in the Golden lab, ordering chemicals in the smallest quantities feasible, and assuring that new chemicals are not ordered until existing supplies are exhausted.</p>
	<p>Using less methylene chloride due to a microdistillation technique pioneered at the Golden Lab, and recycling the reduced amount still used. .</p>